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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE

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DEPENDENT RESURVEY OF A PORTION OF

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THE PRINCIPAL MERIDIAN THROUGH TOWNSHIP 6 SOUTH

---

AND A PORTION OF THE SOUTH BOUNDARY,

---

AND THE METES-AND-BOUNDS SURVEY

---

OF THE

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SOUTH MARICOPA MOUNTAINS WILDERNESS AREA BOUNDARY

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IN TOWNSHIP 6 SOUTH, RANGE 1 WEST

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Of the Gila and Salt River Meridian,  
In the State of Arizona

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EXECUTED BY

Robert C. Umbanhowar

Cadastral Surveyor

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Under Special Instructions dated November 8, 1993, approved November 8, 1993, which provided for the surveys included under Group Number 764, and assignment instructions dated November 8, 1993.

Survey Commenced November 15, 1993

Survey Completed May 12, 1994

## INDEX DIAGRAM

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## T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes describe the dependent resurvey of a portion of the Principal Meridian through Township 6 South and a portion of the South Boundary, and the metes-and-bounds survey of the South Maricopa Mountains Wilderness Area Boundary, in Township 6 South, Range 1 West, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows: The Principal Meridian through Township 6 South was surveyed by J. B. McLaughlin in 1883. The Principal Meridian through Township 6 South was resurveyed by W. H. Thorn and W. K. Kierulff in 1914-15. The south boundary was surveyed by Ty White in 1938.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated November 8, 1993, for Group No. 764, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Pentax PTS-iii05 and a Nikon NTD-4 total station instruments.

The geographic position of the cor. of Tps. 6 and 7 S., R. 1 E. and R. 1 W., was determined by the technique of static differential positioning using Ashtech models M-XII and MS-XII geodetic units. U.S. Coast and Geodetic Survey triangulation stations "OCO 1936" and "BIG 1960" were used as the control stations. The elevation and coordinates refer to the top of the monument.

Elevation	Latitude	Longitude	
1782.25 ft.	32°51'17.708" N.	112°18'20.245" W.	NAD27

The mean magnetic declination, as taken from quadrangle map "LOST HORSE PEAK, ARIZ.", published in 1979 by U.S. Geological Survey, is 13° E.

Dependent Resurvey of a Portion of the Principal Meridian  
through T. 6 S., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Restoring the resurvey executed by W. H. Thorn and W. K. Kierulff in 1914-15</p>
	<p>Beginning at the cor. of Tps. 6 and 7 S., R. 1 E. and R. 1 W., monumented with an iron post, 3 ins. diam., firmly set, projecting 9 ins. above the ground, encircled in a collar of stone, with a mound of stone, 3 ft. base, 1 1/2 ft. high, to the S., with brass cap mkd. T6S R1W R1E S36 S31 S1 S6 T7S 1914 GSRM.</p> <p>Add the marks 1993 to the brass cap.</p> <p>N. 0°01' W., bet. secs. 31 and 36, along the South Maricopa Mountains Wilderness Area Bdy.</p>
39.96	<p>The 1/4 sec. cor. of secs. 31 and 36, monumented with an iron post, 1 in. diam., firmly set, projecting 31 ins. above the ground in a supporting mound of stone, 3 ft. base, 2 ft. high, with a mound of stone, 3 ft. base, 2 1/2 ft. high, to the W., with brass cap mkd. S36 1/4 S31 1914 GSRM.</p> <p>Add the marks T6S R1W R1E 1993 to the brass cap.</p> <p>Rebuild supporting mound of stone, 3 ft. base, to top.</p>
40.00	<p>N. 0°01' E., beginning new measurement.</p> <p>The cor. of secs. 25, 30, 31 and 36, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. T6S R1W R1E S25 S30 S36 S31 1914 GSRM, from which the original bearing trees</p> <p style="padding-left: 40px;">An ironwood, 12 ins. diam., bears N. 28° E., 222 lks. dist., with marks T6S R1E visible on a partially healed blaze.</p> <p style="padding-left: 40px;">An ironwood, 10 ins. diam., bears S. 64° W., 98 lks. dist., with healed blaze, marks not visible.</p> <p>Add the marks 1993 to the brass cap.</p>
40.01	<p>N. 0°02' E., bet. secs. 25 and 30, along the South Maricopa Mountains Wilderness Area Bdy.</p> <p>The 1/4 sec. cor. of secs. 25 and 30, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above ground, with a mound of stone, 3 ft. base, 2 ft. high, to the W., with brass cap mkd. 1/4 S25 S30 1914 GSRM.</p>

Dependent Resurvey of a Portion of the Principal Meridian  
through T. 6 S., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Add the marks T6S R1W R1E 1993 to the brass cap.</p> <hr/>
	<p>North, beginning new measurement.</p>
40.02	<p>The cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 3 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. T6S R1W R1E S24 S19 S25 S30 1914 GSRM.</p>
	<p>Add the marks 1993 to the brass cap.</p> <hr/>
	<p>N. 0°02' E., bet. secs. 19 and 24, along the South Maricopa Mountains Wilderness Area Bdy.</p>
40.02	<p>The 1/4 sec. cor. of secs. 19 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. S24 1/4 S19 1914 GSRM.</p>
	<p>Add the marks T6S R1W R1E 1993 to the brass cap.</p> <hr/>
	<p>N. 0°01' E., beginning new measurement.</p>
40.02	<p>The cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 3 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. T6S R1W R1E S13 S18 S24 S19 1914 GSRM.</p>
	<p>Add the marks 1993 to the brass cap.</p> <hr/>
	<p>N. 0°02' E., bet. secs. 13 and 18, along the South Maricopa Mountains Wilderness Area Bdy.</p>
40.02	<p>The 1/4 sec. cor. of secs. 13 and 18, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. S13 1/4 S18 1914 GSRM.</p>
	<p>Add the marks T6S R1W R1E 1993 to the brass cap.</p> <hr/>
	<p>N. 0°02' E., beginning new measurement.</p>
40.01	<p>The cor. of secs. 7, 12, 13 and 18, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. T6S R1W R1E S12 S7 S13 S18 1914 GSRM, from which the original bearing tree</p>

Dependent Resurvey of a Portion of the Principal Meridian  
through T. 6 S., Gila and Salt River Meridian, Arizona

CHAINS	<p>An ironwood, 18 ins. diam., bears S. 8° W., 155 lks. dist., with marks BT visible in partially healed blaze. (Record: 157 lks. dist.).</p> <p>Add the marks 1993 to the brass cap.</p> <hr/> <p>N. 0°01' E., bet. secs. 7 and 12, along the South Maricopa Mountains Wilderness Area Bdy.</p> <p>40.02 The 1/4 sec. cor. of secs. 7 and 12, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. S12 1/4 S7 1914 GSRM.</p> <p>Add the marks T6S R1W R1E 1993 to the brass cap.</p> <hr/> <p>Dependent Resurvey of a Portion of the South Boundary, T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p>Restoring the survey executed by Ty White in 1938</p> <hr/> <p>From the 1/4 sec. cor. of secs. 4 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. 1/4 S33 S4 1938.</p> <p>Add the marks T6S T7S R1W 1994 to the brass cap.</p> <p>Cor. is located 68 lks. S. of a wash, 100 lks. wide, 3 ft. deep, drains WSW.</p> <p>N. 89°58' W., bet. secs. 4 and 33.</p> <p>2.22 Point for AP 34, identical with AP 1, T. 7 S., R. 1 W., on the South Maricopa Mountains Wilderness Area Bdy., hereinafter described.</p> <p>37.04 The original witness corner of secs. 4, 5, 32 and 33, determined at record bearing and dist. from the remaining original bearing tree.</p> <p>A paloverde, 18 in. diam., bears S. 12 1/4° E., 344 lks. dist., with marks WC T7S R1W S4 BT.</p> <p>This point now functions as an angle point, at the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p>
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Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	<div data-bbox="839 300 961 393" data-label="Text"> <p>AP T6S R1W S33</p> </div> <div data-bbox="839 431 961 525" data-label="Text"> <p>S4 T7S R1W 1994</p> </div> <div data-bbox="376 561 1382 627" data-label="Text"> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside the stainless steel post.</p> </div> <div data-bbox="376 659 1425 725" data-label="Text"> <p>Cor. is located 45 lks. N. of center line of E. bound lane, U. S. Interstate 8, asphalt surface, 40 ft. wide, bears ESE. and WNW.</p> </div> <div data-bbox="376 787 1022 821" data-label="Text"> <p>N. 89°59' W., beginning new measurement.</p> </div> <div data-bbox="232 853 302 883" data-label="Text"> <p>3.00</p> </div> <div data-bbox="376 846 1367 915" data-label="Text"> <p>Point for the cor. of secs. 4, 5, 32 and 33, at proportionate dist.</p> </div> <div data-bbox="376 944 1333 1012" data-label="Text"> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> </div> <div data-bbox="826 1044 979 1234" data-label="Text"> <table border="1"> <tr> <td colspan="2">T6S R1W</td> </tr> <tr> <td>S32</td> <td>S33</td> </tr> <tr> <td>S5</td> <td>S4</td> </tr> <tr> <td colspan="2">T7S R1W</td> </tr> <tr> <td colspan="2">1994</td> </tr> </table> </div> <div data-bbox="376 1268 1387 1334" data-label="Text"> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside the stainless steel post.</p> </div> <div data-bbox="376 1370 546 1400" data-label="Text"> <p>from which</p> </div> <div data-bbox="452 1430 1420 1623" data-label="Text"> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 24°09' E., 84.6 ft. dist., with brass cap mkd. RM T7S R1W S4 84.5 FT TO COR 1994 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> </div> <div data-bbox="452 1651 1420 1844" data-label="Text"> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 34°58' W., 42.0 ft. dist., with brass cap mkd. RM T7S R1W S4 42.0 FT TO COR 1994 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> </div>	T6S R1W		S32	S33	S5	S4	T7S R1W		1994	
T6S R1W											
S32	S33										
S5	S4										
T7S R1W											
1994											

Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Cor. is located 50 lks. S. of center line of E. bound lane, U. S. Interstate 8, asphalt surface, 40 ft. wide, bears ESE. and WNW.</p> <hr/> <p>N. 89°59' W., bet. secs. 5 and 32.</p> <p>40.03 The 1/4 sec. cor. of secs. 5 and 32, at proportionate dist; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W S32 1/4— S5 T7S R1W 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case inside the stainless steel post.</p> <p>from which</p> <p style="padding-left: 40px;">A paloverde, 9 ins. diam, bears N. 22 3/4° E., 198 lks. dist., mkd. 1/4 S32 BT.</p> <p style="padding-left: 40px;">A mesquite, 8 ins. diam., bears S. 13 1/4° W., 109 lks. dist., mkd. 1/4 S5 BT.</p>
80.06	<p>Cor. is located 61 lks. E. of and inside of borrow pit bank, bears NE. and SW.</p> <p>The cor. of secs. 5, 6, 31 and 32, monumented with an iron post, 2 ins. diam., firmly set, projecting 1 in. above ground, with scattered mound of stone to the W., with brass cap mkd. T6S R1W S31 S32 S6 S5 T7S 1938, from which the remaining bearing tree</p> <p style="padding-left: 40px;">A dead mesquite, 12 ins. diam., bears S. 21 1/2° E., 82 lks. dist., mkd. T7S R1W S5 BT.</p> <p>Add the marks 1994 to the brass cap.</p> <p>Rebuild mound of stone to the W., 2 ft. base, 1 ft. high.</p> <hr/>

Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From AP 1, identical with AP 66, T. 6 S., R. 2 W., on the line bet. secs. 31 and 36, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 18 ins. above the ground in a supporting mound of stone, 3 1/2 ft. base to top, with brass cap mkd. T6S R2W R1W SMMWA AP66 AP1 S36 S1 1994, as described in the field notes of the metes-and-bounds survey of the South Maricopa Mountains Wilderness Bdy., T. 6 S., R. 2 W., executed concurrently under this same group, S. 72°54 E., on line 1-2.</p>
44.78	<p>Point selected for a witness point on line 1-2.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP T6S R1W SMMWA 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p>
83.52	<p>Point for AP 2.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T6S R1W SMMWA AP2 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 100 lks. N. of wash, 36 lks. wide, 1 ft. deep, drains W.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>S. 72°50' E., on line 2-3.</p>
27.02	<p>Point for AP 3.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p>


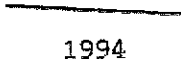
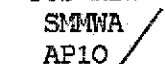
Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<div data-bbox="806 308 961 463" data-label="Text"> <p>T6S R1W SMMWA AP3 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 114 lks. N. of trail road, bears NE. and SW.</p> <hr/> <p>N. 49°30' E., on line 3-4.</p>
26.15	<p>Point for AP 4.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="796 919 961 1110" data-label="Text"> <p>T6S R1W SMMWA AP4 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 95 lks. N. of trail road, bears NE. and SW.</p> <hr/> <p>N. 49°24' E., on line 4-5.</p>
23.39	<p>Point for AP 5.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="784 1557 977 1749" data-label="Text"> <p>T6S R1W SMMWA AP5 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p>

Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
25.42	<p>Cor. is located 90 lks. W. of trail road, bears NE. and SW.</p> <hr/> <p>N. 54°53' E., on line 5-6.</p> <p>Point for AP 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="781 623 964 815" data-label="Diagram"> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 77 lks. W. of trail road, bears NE. and SW.</p> <hr/> <p>N. 36°50' E., on line 6-7.</p>
5.39	<p>Point for AP 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div data-bbox="781 1272 964 1464" data-label="Diagram"> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 110 lks. N. of trail road, bears NE. and SW.</p> <hr/>
13.33	<p>N. 59°34' E., on line 7-8.</p> <p>Point for AP 8.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p>

Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<div data-bbox="778 310 992 463" data-label="Text"> <p>T6S R1W SMMWA AP8</p>  <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 82 lks. N. of trail road, bears E. and SW.</p> <hr/> <p>S. 85°54' E., on line 8-9.</p>
11.02	<p>Point for AP 9.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="840 921 964 1010" data-label="Text"> <p>T6S R1W SMMWA AP9</p>  <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 81 lks. N. of trail road, bears E. and W.</p> <hr/> <p>S. 85°07' E., on line 9-10.</p>
28.61	<p>Point for AP 10.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="844 1530 984 1619" data-label="Text"> <p>T6S R1W SMMWA AP10</p>  <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 68 lks. N. of trail road, bears NE. and W.</p> <hr/> <p>N. 42°46' E., on line 10-11.</p>

Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
19.97	<p>Point for AP 11.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="792 457 966 670"> <p>T6S R1W</p> <p>SMMWA AP11</p> <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 77 lks. W. of trail road, bears SW. and N.</p> <hr/> <p>N. 3°07' W. on line 11-12.</p>
12.20	<p>Point for AP 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div data-bbox="792 1095 966 1308"> <p>T6S R1W</p> <p>SMMWA AP12</p> <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 83 lks. W. of trail road, bears N. and S.</p> <hr/> <p>N. 3°39' W., on line 12-13.</p>
20.49	<p>Point for AP 13.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div data-bbox="809 1734 982 1947"> <p>T6S R1W</p> <p>SMMWA AP13</p> <p>1994</p> </div>


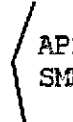
Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
24.45	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 83 lks. W. of trail road, bears N. and S.</p> <hr/> <p>N. 3°30' W., on line 13-14.</p> <p>Point for AP 14.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div data-bbox="811 725 964 917" style="text-align: center;"> <p>T6S R1W</p> <p>SMMWA</p> <p>AP14</p> <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 77 lks. W.. of trail road, bears N. and S.</p> <hr/> <p>N. 11°13' E., on line 14-15.</p>
17.45	<p>Point for AP 15.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div data-bbox="816 1370 969 1561" style="text-align: center;"> <p>T6S R1W</p> <p>SMMWA</p> <p>AP15</p> <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 79 lks. W. of trail road, bears N. and S.</p> <hr/> <p>N. 31°29' W., on line 15-16.</p>
3.53	<p>Point for AP 16.</p>




Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W AP16 SMMWA 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located on the N. face of an earthen dike, 8 ft. high, bears ENE. and WSW.</p> <hr/> <p>N. 60°24' E., on line 16-17.</p> <p>4.79 Point for AP 17.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W AP17 SMMWA 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located on the N. face of an earthen dike, 6 ft. high, bears N. and WSW., and 20 lks. NNW. of N. end of steel cable barrier, bears SE.</p> <hr/> <p>S. 44°06' E., on line 17-18.</p> <p>4.15 Point for AP 18.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W AP18 SMMWA 1994</p>
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Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 6 lks. ENE. of S. end of steel cable barrier, bears NW., and barb wire fence, 4 strand, bears SE.</p> <hr/> <p>S. 54°07' W., on line 18-19.</p>
4.50	<p>Point for AP 19.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div data-bbox="844 761 1014 949" data-label="Text"> <p>T6S R1W</p>  <p>AP19 SMTWA 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 88 lks. E. of trail road, bears N. and S.</p> <hr/> <p>S. 11°47' W., on line 19-20.</p>
16.99	<p>Point for AP 20.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div data-bbox="849 1402 1034 1589" data-label="Text"> <p>T6S R1W</p>  <p>AP20 SMTWA 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 68 lks. E. of trail road, bears N. and S.</p> <hr/> <p>S. 3°50' E., on line 20-21.</p>
24.76	<p>Point for AP 21.</p>


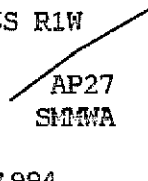
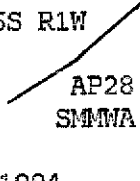
Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div data-bbox="839 393 1025 580"> <p>T6S R1W</p>  <p>AP21 SMMWA 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 83 lks. E. of trail road, bears N. and S.</p> <hr/> <p>S. 3°44' E. on line 21-22.</p>
20.36	<p>Point for AP 22.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div data-bbox="827 1044 1014 1232"> <p>T6S R1W</p>  <p>AP22 SMMWA 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 83 lks. E. of trail road, bears N. and S.</p> <hr/> <p>S. 1°29' E., on line 22-23.</p>
13.10	<p>Point for AP 23.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="849 1689 1019 1876"> <p>T6S R1W</p>  <p>AP23 SMMWA 1994</p> </div>

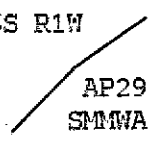
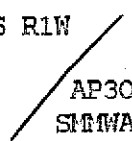
Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
21.10	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 106 lks. E. of trail road, bears N. and SW.</p> <hr/> <p>S. 43°47' W., on line 23-24.</p> <p>Point for AP 24.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T6S R1W</p>  <p>AP24 SMMWA 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 83 lks. S. of trail road, bears NE. and W.</p> <hr/> <p>N. 85°31' W., on line 24-25.</p>
28.93	<p>Point for AP 25.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T6S R1W</p>  <p>AP25 SMMWA 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 81 lks. S. of trail road, bears E. and W.</p> <hr/> <p>N. 83°51' W., on line 25-26.</p>
10.33	<p>Point for AP 26.</p>


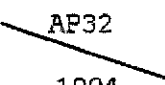
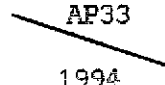
Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W    AP26 SMMWA 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 77 lks. S. of trail road, bears E. and SW.</p> <hr/> <p>S. 54°16' W., on line 26-27.</p> <p>13.18 Point for AP 27.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W    AP27 SMMWA 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 105 lks. S. of trail road, bears NE. and SW.</p> <hr/> <p>S. 50°42' W., on line 27-28.</p> <p>5.14 Point for AP 28.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W    AP28 SMMWA 1994</p>
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Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 95 lks. S. of trail road, bears NE. and SW.</p> <hr/> <p>S. 54°17' W., on line 28-29.</p>
25.31	<p>Point for AP 29.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div data-bbox="850 722 1032 916"> <p>T6S R1W</p>  <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 77 lks. E. of trail road, bears NE. and SW.</p> <hr/> <p>S. 49°49' W., on line 29-30.</p>
22.94	<p>Point for AP 30.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div data-bbox="850 1358 1032 1552"> <p>T6S R1W</p>  <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 99 lks. E. of trail road, bears NE. and SW.</p> <hr/> <p>S. 48°56' W., on line 30-31.</p>
25.37	<p>Point for AP 31.</p>

Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W    1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>Cor. is located 95 lks. E. of trail road, bears NE. and SW.</p> <hr/> <p>S. 72°46' E. on line 31-32.</p>
15.64	<p>Point for AP 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W SMTWA    1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <hr/> <p>S. 72°58' E., on line 32-33.</p>
36.66	<p>Point for AP 33.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T6S R1W SMTWA    1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <hr/> <p>S. 72°53' E., on line 33-34.</p>

Metes-and-Bounds Survey of the  
South Maricopa Mountains Wilderness Area Boundary,  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
40.56	<p>Point for AP 34, identical with AP 1, T. 7 S., R. 1 W., on the line bet. secs. 4 and 33, on the S. bdy. of the Tp.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div data-bbox="756 504 1080 728" data-label="Diagram"> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case inside the stainless steel post.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 4 and 33 bears S. 89°58 E., 2.22 chs. dist., hereinbefore described.</p> <p>Cor. is located in a wash, 120 lks. wide, 1 ft. deep, drains WSW.</p>
	<p style="text-align: center;">GENERAL DESCRIPTION</p>
	<p>This survey is located approximately 30 miles east of the town of Gila Bend, Arizona. The elevation ranges from 1500 feet to 2800 feet above sea level. The general terrain encompassed in this resurvey is mountainous. The general drainage is to the east and south.</p> <p>The soil is rocky and does not promote much usable vegetation. There is an abundance of saguaro and other various cacti, greasewood, along with some paloverde and ironwood trees.</p> <p>There are various range improvements in the township consisting of improved dirt roads, corrals and water tanks.</p> <p>Land usage consists primarily of grazing cattle. Other significant uses of the land would be for recreational and hunting purposes. Quail, javelina, rabbits and lizards are abundant in the area encompassed by this survey.</p>

## T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

## CHAINS

Description of the South Maricopa Mountains Wilderness Area Edy.  
T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

The following description is for informational purposes only.

Beginning at Angle Point 1, identical with Angle Point 66,  
T. 6 S., R. 2 W., on the line bet. secs. 31 and 36, on the W.  
bdy. of the Tp.

thence S. 72°54' E., 83.52 chs. dist., to Angle Point 2;  
thence S. 72°50' E., 27.02 chs. dist., to Angle Point 3;  
thence N. 49°30' E., 26.16 chs. dist., to Angle Point 4;  
thence N. 49°24' E., 23.39 chs. dist., to Angle Point 5;  
thence N. 54°53' E., 25.42 chs. dist., to Angle Point 6;  
thence N. 36°50' E., 5.39 chs. dist., to Angle Point 7;  
thence N. 59°34' E., 13.33 chs. dist., to Angle Point 8;  
thence S. 85°54' E., 11.02 chs. dist., to Angle Point 9;  
thence S. 85°07' E., 28.61 chs. dist., to Angle Point 10;  
thence N. 42°46' E., 19.97 chs. dist., to Angle Point 11;  
thence N. 3°07' W., 12.20 chs. dist., to Angle Point 12;  
thence N. 3°39' W., 20.49 chs. dist., to Angle Point 13;  
thence N. 3°30' W., 24.45 chs. dist., to Angle Point 14;  
thence N. 11°13' E., 17.45 chs. dist., to Angle Point 15;  
thence N. 31°29' W., 3.53 chs. dist., to Angle Point 16;  
thence N. 60°24' E., 4.79 chs. dist., to Angle Point 17;  
thence S. 44°06' E., 4.15 chs. dist., to Angle Point 18;  
thence S. 54°07' W., 4.50 chs. dist., to Angle Point 19;  
thence S. 11°47' W., 16.99 chs. dist., to Angle Point 20;  
thence S. 3°50' E., 24.76 chs. dist., to Angle Point 21;  
thence S. 3°44' E., 20.36 chs. dist., to Angle Point 22;  
thence S. 1°29' E., 13.10 chs. dist., to Angle Point 23;  
thence S. 43°47' W., 21.10 chs. dist., to Angle Point 24;  
thence N. 85°31' W., 28.93 chs. dist., to Angle Point 25;  
thence N. 83°51' W., 10.33 chs. dist., to Angle Point 26;  
thence S. 54°16' W., 13.18 chs. dist., to Angle Point 27;  
thence S. 50°42' W., 5.14 chs. dist., to Angle Point 28;  
thence S. 54°17' W., 25.31 chs. dist., to Angle Point 29;  
thence S. 49°49' W., 22.94 chs. dist., to Angle Point 30;  
thence S. 48°56' W., 25.37 chs. dist., to Angle Point 31;  
thence S. 72°46' E., 15.64 chs. dist., to Angle Point 32;  
thence S. 72°58' E., 36.66 chs. dist., to Angle Point 33;  
thence S. 72°53' E., 40.56 chs. dist., to Angle Point 34,  
identical with Angle Point 1, T. 7 S., R. 1 W., on the line  
bet. secs. 4 and 33, on the S. bdy. of the Tp.

From the cor. of Tps. 6 and 7 S., R. 1 E. and R. 1 W.

## T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona

## CHAINS

thence N.  $0^{\circ}01'$  W., 39.96 chs. dist., bet. secs. 31 and 36 to the  $1/4$  sec. cor. of secs. 31 and 36;  
thence N.  $0^{\circ}01'$  E., 40.00 chs. dist., bet. secs. 31 and 36 to the cor. of secs. 25, 30, 31 and 36;  
thence N.  $0^{\circ}02'$  E., 40.01 chs. dist., bet. secs. 25 and 30 to the  $1/4$  sec. cor. of secs. 25 and 30;  
thence North, 40.02 chs. dist., bet. secs. 25 and 30 to the cor. of secs. 19, 24, 25 and 30;  
thence N.  $0^{\circ}02'$  E., 40.02 chs. dist., bet. secs. 19 and 24 to the  $1/4$  sec. cor. of secs. 19 and 24;  
thence N.  $0^{\circ}01'$  E., 40.02 chs. dist., bet. secs. 19 and 24 to the cor. of secs. 13, 18, 19 and 24;  
thence N.  $0^{\circ}02'$  E., 40.02 chs. dist., bet. secs. 13 and 18 to the  $1/4$  sec. cor. of secs. 13 and 18;  
thence N.  $0^{\circ}02'$  E., 40.01 chs. dist., bet. secs. 13 and 18 to the cor. of secs. 7, 12, 13 and 18;  
thence N.  $0^{\circ}01'$  E., 40.02 chs. dist., bet. secs. 7 and 12 to the  $1/4$  sec. cor. of secs. 7 and 12;

## FIELD ASSISTANTS

[illegible]

## CERTIFICATE OF SURVEY

I, Robert C. Umbanhowar, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 8th day of November, 1993, I have dependently resurveyed a portion of the Principal Meridian through Township 6 South and a portion of the South Boundary, and executed the metes-and-bounds survey of the South Maricopa Mountains Wilderness Area Boundary, in Township 6 South, Range 1 West, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

9-25-97

(Date)

Robert C. Umbanhowar

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the Principle Meridian through Township 6 South and a portion of the South Boundary, and the metes-and-bounds survey of the South Maricopa Mountains Wilderness Area Boundary, in Township 6 South, Range 1 West, Gila and Salt River Meridian, Arizona, executed by Robert C. Umbanhowar, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

5-11-98

(Date)

Kenny D. Lawmikan

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 6 S., R. 1 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~~~(Chief Cadastral Surveyor of Arizona)~~